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L6: Entry 2 of 5

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Mar 11, 2004

PUB-NO: JP02004080751A

DOCUMENT-IDENTIFIER: JP 2004080751 A

TITLE: PROVIDING SECURE HARDWARE IDENTIFIER (HWID) FOR USE IN CONNECTION WITH  
DIGITAL COPY RIGHT MANAGEMENT (DRM) SYSTEM

PUBN-DATE: March 11, 2004

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APPL-DATE: June 25, 2003

PRIORITY-DATA: 2002US-185660 (June 27, 2002)

INT-CL (IPC): H04 L 9/32; G06 F 12/14; G09 C 1/00

## ABSTRACT:

PROBLEM TO BE SOLVED: To provide a secure hardware identifier (HWID) for use in connection with a digital copyright management (DRM) system.SOLUTION: A trusted component on a device includes the secure HWID therein and is verified by obtaining a key from the device, and verifying each signed component of the operating system of the device therewith. A driver table is examined to locate an HWID driver which is verified as containing a pointer back to an address inside a kernel. The verified operating system is called to obtain the secure HWID from an HWID component by the HWID driver, and to return the same to the trusted component. Thereafter, the returned HWID is verified as matching the HWID included with the trusted component.

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